Machine Vision Applications and Efficient Deep Learning Models for Resource-Limited Learning

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Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editors

We request research articles presenting novel algorithms and experimental studies on machine vision applications, and ideas (methods, tools, concepts, or even literature surveys) that will contribute to the advanced development of future deep learning models for resource-limited environments.

Keywords:

- lightweight convolutional neural network
- neural network compression
- transfer learning/domain adaptations approaches
- machine/computer vision
- medical image processing
- object classification/segmentation/localization

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Special Issue

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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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